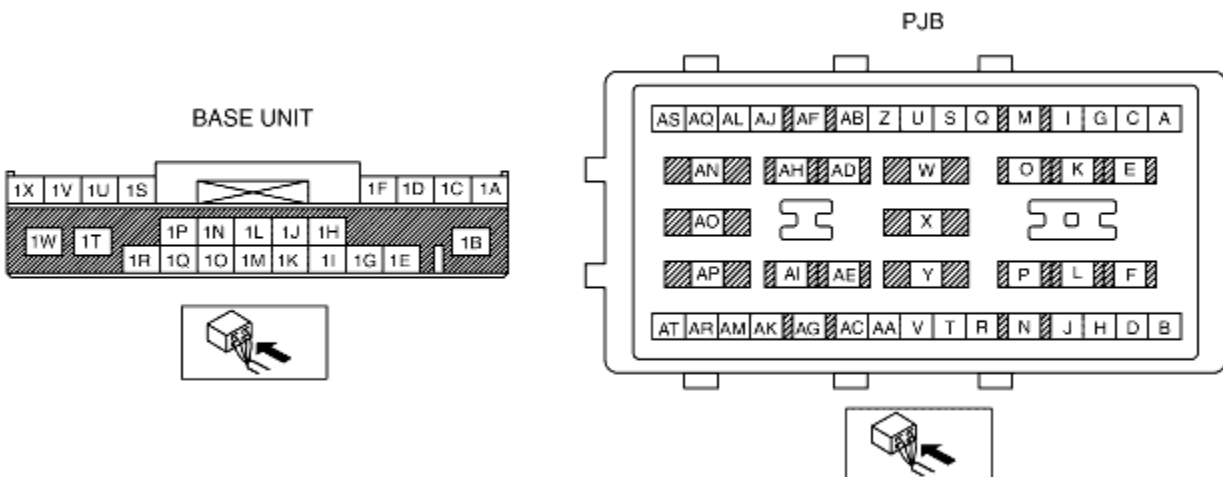


DTC 09:ER20

B3E090266900W06

DTC 09:Er20	Power supply circuit of base unit
DETECTION CONDITION	<ul style="list-style-type: none"> Voltage detected at base unit terminals 1B and 1R is less than 8.5 V, or more than 16 V (must not be 16V).
POSSIBLE CAUSE	<ul style="list-style-type: none"> Weak battery Malfunction in wiring harness between battery and base unit
	

Diagnostic procedure

STEP	INSPECTION		ACTION
1	Remove the ROOM 15 A fuse and METER 7.5 A fuse. Are the fuses normal?	Yes	Go to the next step.
		No	Inspect related wiring harness, then replace the fuse.
2	Measure the battery voltage. Is the voltage between 8.5-16 V ?	Yes	Go to the next step.
		No	Battery malfunction Inspect the charge/discharge system.
3	Measure the voltage between PJB terminal P and base unit terminal 1B. Is the voltage between 8.5-16 V ?	Yes	Go to the next step.
		No	Inspect fuses and related wiring harness between the battery and PJB. • If there is malfunction, repair or replace the applicable part.
4	Install the ROOM 15 A fuse and METER 7.5 A fuse. Turn the ignition switch to the ACC position. Measure the voltage at the base unit terminals 1B and 1R. Is the voltage between 8.5-16 V ?	Yes	Go to the next step.
		No	Repair the wiring harness between the PJB and base unit.
5	Turn the ignition switch to the ACC or ON position and hold for 30 s or more . Is DTC 09: Er20 displayed?	Yes	Replace the base unit.
		No	DTC troubleshooting completed.